

# Converting Colors

Hex(8A3B79)

Have a look what the booklet for  
Hex(8A3B79) contains.

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# Color

**Hex(8A3B79)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A3B79
RGB	138, 59, 121
RGB Percent	54%, 23%, 47%
CMY	0.4588, 0.7686, 0.5255
CMYK	0.00, 0.57, 0.12, 0.46
HSL	313°, 40%, 39%
HSV	313°, 57%, 54%
XYZ	15.4964, 9.9117, 19.1856
YIQ	89.6890, 27.1820, 36.0300

# Conversions

## Conversions Part 2

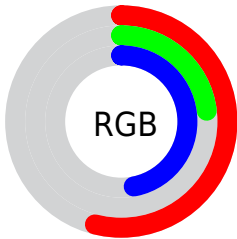
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 59, 121
Decimal	9059193
CIE <sub>Lab</sub>	37.68, 41.76, -19.57
CIE <sub>LCh</sub>	38, 46.113, 334.892
Yxy	9.9117, 0.3475, 0.2223
Android (android.graphics.Color)	4287249273 (0xFF8A3B79)
YUV	89.6890, 15.4363, 42.3687
Hunter-Lab	31.4828, 32.7659, -14.0932

# Details

The Hex color **8A3B79** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B8A4C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **C16EAE**, and **550148** is the 20% darker color. If you saturate the color by 10%, you get **8A2D76**, and if you desaturate by 10%, it is **8A497C**.

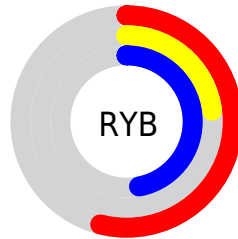
# Distribution



Red (54%)

Green (23%)

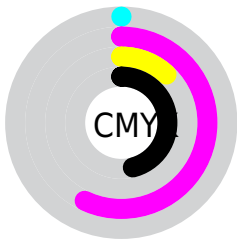
Blue (47%)



Red (54%)

Yellow (23%)

Blue (47%)

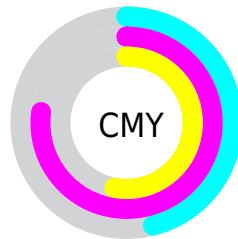


Cyan (0%)

Magenta (57%)

Yellow (12%)

Black (46%)



Cyan (46%)

Magenta (77%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A3B79 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8A3B79 by changing the saturation by 10% instead.



8A3B79

8A3B79

FFFFFF

6F2160

C16EAE

550148

DE89C9

3C0031

FBA4E5

26001D

FFBFFF

000000

FFDCFF

FFF9FF

8A3B79

8A3B79

8A2D76

8A497C

■ 8A1F73

■ 8A577F

■ 8A1270

■ 8A6482

■ 8A046D

■ 8A7285

■ 8A006C

■ 8A8088

■ 8A8E8B

■ 8A9C8E

■ 8AA991

■ 8AB794

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



614C96



8A3B79



9B3354

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8A3B79



655900



006982

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8A3B79



3B8A4C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006A5E



8A3B79



3E6214

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8A3B79



834B10



006837



00659C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8A3B79



9A373C



006837



006A77



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8A3B79



B394AC



4B3B8A



594755



D9D9D9



595959



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8A3B79



B33798



8A3B53



453E43



850068



050004



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8A3B79



B33798



3B8A72



453E43



850068



050004



# Previews

## White Background



This preview shows how the Hex color 8A3B79 looks on a white background.

## Color Contrast Check

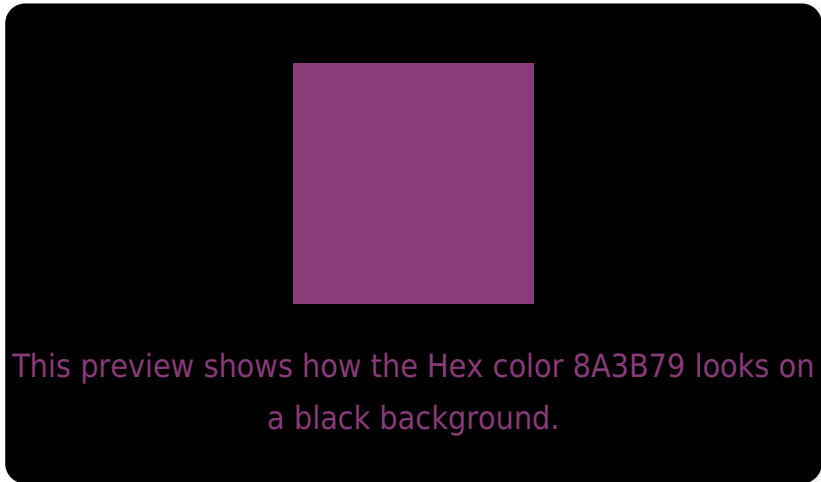
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

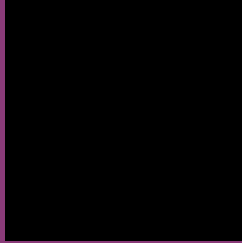
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A3B79 Background



This preview shows how black text looks on a background with the Hex color 8A3B79.

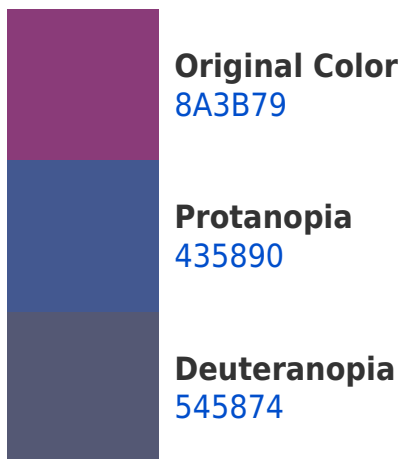


This preview shows how white text looks on a background with the Hex color 8A3B79.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

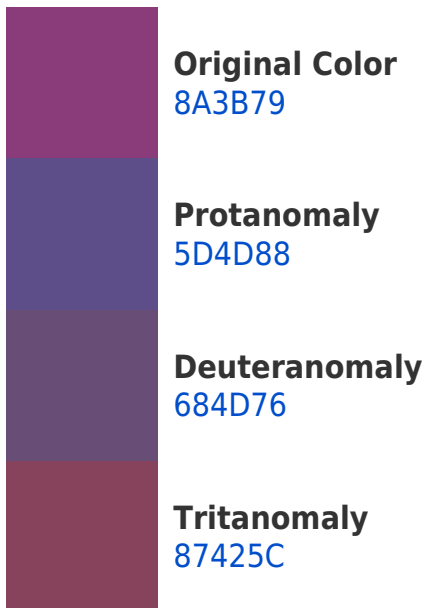
## Dichromacy



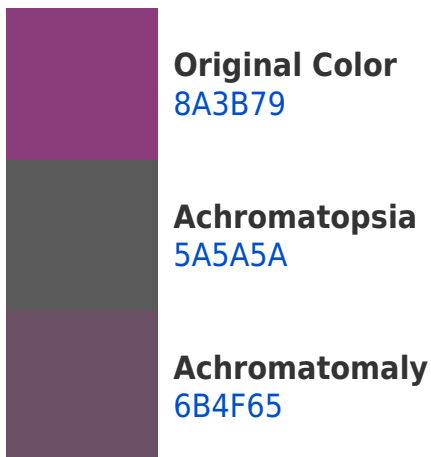


**Tritanopia**  
85464B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A3B79 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8A3B79 looks like.

```
.text, #text, p{  
    color:#8A3B79  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8A3B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3B79
}
```

## Border

The CSS property to change the border of an element to Hex 8A3B79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

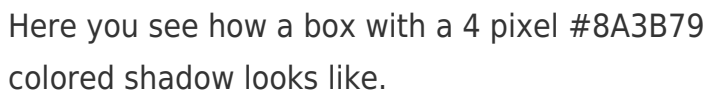
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A3B79 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8A3B79 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #8A3B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3B79; -webkit-box-shadow:4px 4px  
4px 4px #8A3B79; box-shadow:4px 4px 4px  
4px #8A3B79 }
```

# Background

The CSS property to change the background color of an element to Hex 8A3B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3B79 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8A3B79 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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